

A disintegrin and metalloproteinase with thrombospondin motifs 18 (ADAMTS18) Recombinant Protein | ADAMTS18 recombinant protein

Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 18 (ADAMTS18), partial

CATALOG # AAA279405	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 18 (ADAMTS18); Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 18 (ADAMTS18); partial; ADAMTS21; ADAMTS18 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Sequence Positions	48-650aa; Partial
Sequence	SDSSSGASGL NDDYVFVTPV EVDSAGSYIS HDILHNGRKK RSAQNARSSL HYRFSAFGQE LHLELKPSAI LSSHFIVQVL GKDGASETQK PEVQQCFYQG FIRNDSSSSV AVSTCAGLSG LIRTRKNEFL ISPLPQLLAQ EHNYSSPAGH HPHVLYKRTA EEKIQRYRGY PGSGRNPYGY SPSHIPHASQ SRETEYHHRR LQKQHFCGRR KKYAPKPTE DTYLRFDEYG SSGRPRRSAG KSQKGLNVET LVVADKKMVE KHGKGNVTY ILTMNMVSG LFKDGITGSD INVVVVSLIL LEQEPGGLLI NHHADQSLNS FCQWQSALIG KNGKRHDHAI LLTGFDICSW KNEPCDTLGF APISGMCSKY RSCTINEDTG LGLAFTIAHE SGHNFGMIHD GEGNPCRKAE GNIMSPTLTG NNGVFSWSSC SRQYLKKFLS TPQAGCLVDE PKQAGQYKYP DKLPGQIYDA DTQCKWQFGA KAKLCSLGFV KDICKSLWCH RVGHRCEKF MPAAEGTVCG LSMWCRQGQC VKFGELGPRP IHGQWSAWSK WSECSRTC GG GVKFQERHCN NPKPQYGGLF CPGSSRIYQL CNINPCNENS LDF
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

ADDITIONAL INFORMATION

References	"Quantitative phosphoproteomic analysis of T cell receptor signaling reveals system-wide modulation of protein-protein interactions." Mayya V., Lundgren D.H., Hwang S.-I., Rezaul K., Wu L., Eng J.K., Rodionov V., Han D.K. Sci. Signal. 2:RA46-RA46(2009)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40806187
NCBI GeneID	170692
NCBI Accession #	NP_955387.1

NCBI GenBank Nucleotide #	NM_199355.2
UniProt Accession #	Q8TE60; Q6P4R5; Q6ZWJ9
Molecular Weight	135,167 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 18 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 18
NCBI Official Symbol	ADAMTS18
NCBI Official Synonym Symbols	KNO2; ADAMTS21
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 18; disintegrin and metalloprotease-like protein; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 18; a disintegrin-like and metalloprotease (reproly
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 18
UniProt Gene Name	ADAMTS18
UniProt Synonym Gene Names	ADAMTS21; ADAM-TS 18; ADAM-TS18; ADAMTS-18
UniProt Entry Name	ATS18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/adamts18-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/279405>